

10/6/2015

## WEST Search History

DATE: Wednesday, January 11, 2006

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
<i>DB=PGPB,USPT; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L1	(starch debranching enzyme or amylase )[CCLS]	0
<i>DB=PGPB; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L2	starch debranching enzyme or amylase	9050
<input type="checkbox"/>	L3	L2 and stress or maltose or maltose alcohol	16617
<input type="checkbox"/>	L4	L3 and (transgenic or transform?)	8133
<input type="checkbox"/>	L5	L4 and plant	7021
<input type="checkbox"/>	L6	L5 and chloroplast	755
<input type="checkbox"/>	L7	L5 and chloroplast or plastid	1914
<input type="checkbox"/>	L8	L7 and heat or water or salt or temperature	500269
<input type="checkbox"/>	L9	L8 and inducible promoter	13570
<input type="checkbox"/>	L10	L6 and promoter	744
<input type="checkbox"/>	L11	amylase	9019
<input type="checkbox"/>	L12	L11 and l2	9019
<input type="checkbox"/>	L13	L12 and l3	5017
<input type="checkbox"/>	L14	L13 and l4	3452
<input type="checkbox"/>	L15	amylase	9019
<input type="checkbox"/>	L16	stress	122293
<input type="checkbox"/>	L17	L16 and transgenic or transform?	30620
<input type="checkbox"/>	L18	L17 and plant	6899
<input type="checkbox"/>	L19	L18 and stress inducible promoter	88
<input type="checkbox"/>	L20	L19 and maltose or maltose alcohol	55
<input type="checkbox"/>	L21	L20 and chloroplast plastid	4

END OF SEARCH HISTORY

10/602,395

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAVXK1638

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* \* \* \* \* Welcome to STN International \* \* \* \* \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 DEC 05 CASREACT(R) - Over 10 million reactions available  
NEWS 4 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE  
NEWS 5 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER  
NEWS 6 DEC 14 CA/CAplus to be enhanced with updated IPC codes  
NEWS 7 DEC 21 IPC search and display fields enhanced in CA/CAplus with the  
IPC reform  
NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/  
USPAT2

NEWS EXPRESS JANUARY 03 CURRENT VERSION FOR WINDOWS IS V8.01,  
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.  
V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT  
<http://download.cas.org/express/v8.0-Discover/>

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* \* \* \* \* STN Columbus \* \* \* \* \* \* \* \* \* \* \* \* \*

FILE 'HOME' ENTERED AT 11:48:27 ON 11 JAN 2006

=> file agricola caplus biosis medline

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.63	0.63

FILE 'AGRICOLA' ENTERED AT 11:49:53 ON 11 JAN 2006

FILE 'CAPLUS' ENTERED AT 11:49:53 ON 11 JAN 2006  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'BIOSIS' ENTERED AT 11:49:53 ON 11 JAN 2006  
Copyright (c) 2006 The Thomson Corporation

FILE 'MEDLINE' ENTERED AT 11:49:53 ON 11 JAN 2006

=> s amylase  
L1 102015 AMYLASE

=> maltose or maltose alcohol  
MALTOSE IS NOT A RECOGNIZED COMMAND  
The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (>).

=> s maltose or maltose alcohol  
L2 44201 MALTOSE OR MALTOSE ALCOHOL

=> stress  
STRESS IS NOT A RECOGNIZED COMMAND  
The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (>).

=> s stress  
L3 1118990 STRESS

=> s transgenic or transform?  
L4 1290742 TRANSGENIC OR TRANSFORM?

=> s 11 and 12 and 13 and 14  
L5 2 L1 AND L2 AND L3 AND L4

=> s 12 and 13 and 14  
L6 24 L2 AND L3 AND L4

=> d 15 1-2

L5 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2004:392193 CAPLUS  
DN 140:388727  
TI Methods for producing **transgenic** plants encoding  $\alpha$ -  
**amylase**,  $\beta$ - **amylase**, glycogen phosphorylase and  
pullulanase for with increased resistance to environmental **stress**  
IN Guy, Charles L.; Kaplan, Fatma; Sung, Dong Yul  
PA USA  
SO U.S. Pat. Appl. Publ., 30 pp.  
CODEN: USXXCO

DT Patent  
LA English  
FAN.CNT 1  

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
PI US 2004091900	A1	20040513	US 2003-602395	20030623
PRAI US 2002-390384P	P	20020621		

L5 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1999:77665 CAPLUS  
DN 130:149549  
TI Tomato leucine aminopeptidase genes have improved promoters for enhancing  
**transgenic** plant productivity  
IN Walling, Linda L.; Pautot, Veronique; Gu, Yong-Qiang; Chao, Wun Shaw  
PA The Regents of the University of California, USA; Institut National De La  
Recherche Agronomique  
SO PCT Int. Appl., 56 pp.

CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9903977	A1	19990128	WO 1998-US12898	19980619
	W: CA, JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5962670	A	19991005	US 1997-892770	19970715
	CA 2296811	AA	19990128	CA 1998-2296811	19980619
	EP 994942	A1	20000426	EP 1998-930438	19980619
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
PRAI	US 1997-892770	A	19970715		
	WO 1998-US12898	W	19980619		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> FIL STNGUIDE  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE  
ENTRY  
20.49

TOTAL  
SESSION  
21.12

FILE 'STNGUIDE' ENTERED AT 11:55:45 ON 11 JAN 2006  
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT  
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE  
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Jan 6, 2006 (20060106/UP).

=> d his

(FILE 'HOME' ENTERED AT 11:48:27 ON 11 JAN 2006)

FILE 'AGRICOLA, CAPLUS, BIOSIS, MEDLINE' ENTERED AT 11:49:53 ON 11 JAN 2006

L1 102015 S AMYLASE  
L2 44201 S MALTOSE OR MALTPOSE ALCOHOL  
L3 1118990 S STRESS  
L4 1290742 S TRANSGENIC OR TRANSFORM?  
L5 2 S L1 AND L2 AND L3 AND L4  
L6 24 S L2 AND L3 AND L4

FILE 'STNGUIDE' ENTERED AT 11:55:45 ON 11 JAN 2006

=> dup rem 16  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE  
ENTRY  
0.24

TOTAL  
SESSION  
21.36

FILE 'AGRICOLA' ENTERED AT 11:58:20 ON 11 JAN 2006

FILE 'CAPLUS' ENTERED AT 11:58:20 ON 11 JAN 2006  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'BIOSIS' ENTERED AT 11:58:20 ON 11 JAN 2006  
Copyright (c) 2006 The Thomson Corporation

FILE 'MEDLINE' ENTERED AT 11:58:20 ON 11 JAN 2006

PROCESSING COMPLETED FOR L6

L7 18 DUP REM L6 (6 DUPLICATES REMOVED)

=> d 17 1-5

L7 ANSWER 1 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2005:160906 CAPLUS  
DN 142:256743  
TI Use of  $\alpha$ -1,4-glucan dehydratase for increased production of 1,5-D-anhydrofructose in transgenic plants and improved stress tolerance  
IN Buchter-larsen, Aksel; Marcussen, Jan  
PA Den.  
SO U.S. Pat. Appl. Publ., 76 pp., Cont.-in-part of U.S. Ser. No. 423,126.  
CODEN: USXXCO  
DT Patent  
LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005044589	A1	20050224	US 2004-879638	20040629
	WO 9850532	A2	19981112	WO 1998-IB708	19980506
	WO 9850532	A3	19990211		
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 2002170083	A1	20021114	US 1999-423126	19991105
	US 6914175	B2	20050705		
PRAI	GB 1997-9161	A	19970506		
	WO 1998-IB708	A1	19980506		
	US 1999-423126	B2	19991105		

L7 ANSWER 2 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2004:392193 CAPLUS

DN 140:388727

TI Methods for producing transgenic plants encoding  $\alpha$ -amylase,  $\beta$ -amylase, glycogen phosphorylase and pullulanase for with increased resistance to environmental stress

IN Guy, Charles L.; Kaplan, Fatma; Sung, Dong Yul

PA USA

SO U.S. Pat. Appl. Publ., 30 pp.  
CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004091900	A1	20040513	US 2003-602395	20030623
PRAI	US 2002-390384P	P	20020621		

L7 ANSWER 3 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2004:80229 CAPLUS

DN 140:139443

TI Method for identifying modulators of G protein coupled receptor signaling

IN Gilchrist, Annette; Hamm, Heidi M.

PA USA

SO U.S. Pat. Appl. Publ., 119 pp., Cont.-in-part of U.S. Ser. No. 852,910.  
CODEN: USXXCO

DT Patent  
LA English  
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004018558	A1	20040129	US 2003-411336	20030411
	US 2003096297	A1	20030522	US 2001-852910	20010511
	WO 2004092199	A2	20041028	WO 2004-US11167	20040412
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG					
PRAI	US 2001-275472P	P	20010314		
	US 2001-852910	A2	20010511		
	US 2003-411336	A	20030411		

L7 ANSWER 4 OF 18 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
AN 2004:332637 BIOSIS  
DN PREV200400337448  
TI Methods for generating doubled haploid plants.  
AU Konzak, Calvin F. [Inventor, Reprint Author]; Polle, Enrique A.  
[Inventor]; Liu, Weiguo [Inventor]; Zheng, Yuanming [Inventor]  
CS ASSIGNEE: Northwest Plant Breeding Company  
PI US 6764854 20040720  
SO Official Gazette of the United States Patent and Trademark Office Patents,  
(July 20 2004) Vol. 1284, No. 3. <http://www.uspto.gov/web/menu/patdata.htm>  
1. e-file.  
ISSN: 0098-1133 (ISSN print).  
DT Patent  
LA English  
ED Entered STN: 4 Aug 2004  
Last Updated on STN: 4 Aug 2004  
  
L7 ANSWER 5 OF 18 AGRICOLA Compiled and distributed by the National  
Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.  
(2006) on STN DUPLICATE 1  
AN 2004:45616 AGRICOLA  
DN IND43644916  
TI Sucrose regulates elongation of carrot somatic embryo radicles as a signal  
molecule.  
AU Yang, Z.; Zhang, L.; Diao, F.; Huang, M.; Wu, N.  
AV DNAL (QK710.P62)  
SO Plant molecular biology, 2004 Feb. Vol. 54, no. 3 p. 441-459  
ISSN: 0167-4412  
NTE Includes references  
DT Article  
FS Non-US  
LA English

=> d 18 6-12

L8 NOT FOUND

The L-number entered has not been defined in this session, or it  
has been deleted. To see the L-numbers currently defined in this  
session, enter DISPLAY HISTORY at an arrow prompt (>).

=> d his

(FILE 'HOME' ENTERED AT 11:48:27 ON 11 JAN 2006)

FILE 'AGRICOLA, CAPLUS, BIOSIS, MEDLINE' ENTERED AT 11:49:53 ON 11 JAN 2006

L1 102015 S AMYLASE  
L2 44201 S MALTOSE OR MALTPOSE ALCOHOL  
L3 1118990 S STRESS  
L4 1290742 S TRANSGENIC OR TRANSFORM?  
L5 2 S L1 AND L2 AND L3 AND L4  
L6 24 S L2 AND L3 AND L4

FILE 'STNGUIDE' ENTERED AT 11:55:45 ON 11 JAN 2006

FILE 'AGRICOLA, CAPLUS, BIOSIS, MEDLINE' ENTERED AT 11:58:20 ON 11 JAN 2006

L7 18 DUP REM L6 (6 DUPLICATES REMOVED)

=> d 17 6-12

L7 ANSWER 6 OF 18 MEDLINE on STN  
AN 2003479742 MEDLINE  
DN PubMed ID: 14558142  
TI MIG1-dependent and MIG1-independent regulation of GAL gene expression in Saccharomyces cerevisiae: role of Imp2p.  
AU Alberti Adriana; Lodi Tiziana; Ferrero Iliana; Donnini Claudia  
CS Dipartimento di Genetica Antropologia Evoluzione, Universita degli Studi di Parma, Parco Area delle Scienze 11A, 43100 Parma, Italy.  
SO Yeast (Chichester, England), (2003 Oct 15) 20 (13) 1085-96.  
Journal code: 8607637. ISSN: 0749-503X.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200401  
ED Entered STN: 20031015  
Last Updated on STN: 20040121  
Entered Medline: 20040120

L7 ANSWER 7 OF 18 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
AN 2002:279874 BIOSIS  
DN PREV200200279874  
TI Methods for generating doubled haploid plants.  
AU Konzak, Calvin F. [Inventor, Reprint author]; Polle, Enrique A. [Inventor]; Liu, Weiguo [Inventor]; Zheng, Yuanming [Inventor]  
CS Pullman, WA, USA  
ASSIGNEE: Northwest Plant Breeding Company, Pullman, WA, USA  
PI US 6362393 20020326  
SO Official Gazette of the United States Patent and Trademark Office Patents, (Mar. 26, 2002) Vol. 1256, No. 4. <http://www.uspto.gov/web/menu/patdata.html>. e-file.  
CODEN: OGUPE7. ISSN: 0098-1133.  
DT Patent  
LA English  
ED Entered STN: 8 May 2002  
Last Updated on STN: 8 May 2002

L7 ANSWER 8 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 2  
AN 2002:266552 CAPLUS  
DN 137:17845  
TI Specific effects of fructo- and gluco-oligosaccharides in the preservation of liposomes during drying  
AU Hincha, Dirk K.; Zuther, Ellen; Hellwege, Elke M.; Heyer, Arnd G.

CS Max-Planck-Institut fur Molekulare Pflanzenphysiologie, Potsdam, D-14424,  
Germany  
SO Glycobiology (2002), 12(2), 103-110  
CODEN: GLYCE3; ISSN: 0959-6658  
PB Oxford University Press  
DT Journal  
LA English

RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 9 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2001:816946 CAPLUS  
DN 135:353719  
TI Method for increasing calcium storage in plants by overexpression of  
calcium-binding proteins or peptide-encoding transgene  
IN Wyatt, Sarah; Tsou, Pei-Lan; Robertson, Dominique; Boss, Wendy F.  
PA North Carolina State University, USA  
SO PCT Int. Appl., 86 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1  

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001083789	A2	20011108	WO 2001-US13563	20010427
WO 2001083789	A3	20020321		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002083496	A1	20020627	US 2001-844006	20010430
US 6753462	B2	20040622		
PRAI US 2000-200233P	P	20000428		

L7 ANSWER 10 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2001:866470 CAPLUS  
DN 136:131578  
TI High-resolution metabolic phenotyping of genetically and environmentally  
diverse potato tuber systems. Identification of phenocopies  
AU Roessner, Ute; Willmitzer, Lothar; Fernie, Alisdair R.  
CS Max-Planck-Institut fur Molekulare Pflanzenphysiologie, Golm, 14476,  
Germany  
SO Plant Physiology (2001), 127(3), 749-764  
CODEN: PLPHAY; ISSN: 0032-0889  
PB American Society of Plant Biologists  
DT Journal  
LA English  
RE.CNT 70 THERE ARE 70 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 11 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2000:592848 CAPLUS  
DN 133:173048  
TI Protein and cDNA sequences of carnation senescence-induced lipase and the  
uses thereof for controlling senescence in plants  
IN Thompson, John E.; Wang, Tzann-Wei; Hudak, Katalin; Hong, Yuwen  
PA Senesco, Inc., USA  
SO PCT Int. Appl., 89 pp.  
CODEN: PIXXD2

DT Patent  
 LA English  
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000049164	A1	20000824	WO 2000-US3494	20000214
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2362546	AA	20000824	CA 2000-2362546	20000214
	AU 2000035942	A5	20000904	AU 2000-35942	20000214
	AU 778437	B2	20041202		
	EP 1155134	A1	20011121	EP 2000-914569	20000214
	EP 1155134	B1	20051221		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY				
	JP 2002536979	T2	20021105	JP 2000-599888	20000214
	NZ 514123	A	20031031	NZ 2000-514123	20000214
	US 6774284	B1	20040810	US 2000-610104	20000705
	US 2004158891	A1	20040812	US 2003-674540	20031001
PRAI	US 1999-250280	A	19990216		
	US 1998-105812	B2	19980626		
	WO 2000-US3494	W	20000214		
	US 2000-597774	B2	20000619		
	US 2000-610104	B1	20000705		

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7	ANSWER 12 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN				
AN	2000:175903 CAPLUS				
DN	132:205130				
TI	Methods for generating doubled haploid plants from microspores				
IN	Konzak, Calvin F.; Polle, Enrique A.; Liu, Weiguo; Zheng, Yuanming				
PA	USA				
SO	PCT Int. Appl., 43 pp. CODEN: PIXXD2				
DT	Patent				
LA	English				
FAN.CNT 4					
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000014202	A1	20000316	WO 1999-US19498	19990826
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2342983	AA	20000316	CA 1999-2342983	19990826
	AU 9956932	A1	20000327	AU 1999-56932	19990826
	AU 764176	B2	20030814		
	EP 1112347	A1	20010704	EP 1999-943940	19990826
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	BR 9913534	A	20020702	BR 1999-13534	19990826
	WO 2001014518	A2	20010301	WO 2000-US18790	20000823

WO 2001014518	A3	20011018	
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
AU 2000070518	A5	20010319	AU 2000-70518 20000823
EP 1206524	A2	20020522	EP 2000-959147 20000823
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL		
US 2002104128	A1	20020801	US 2002-42932 20020108
US 6764854	B2	20040720	
PRAI US 1998-99633P	P	19980909	
US 1999-150761P	A2	19990826	
US 1999-383588	A2	19990826	
WO 1999-US19498	W	19990826	
WO 2000-US18790	W	20000823	

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 11:48:27 ON 11 JAN 2006)

FILE 'AGRICOLA, CAPLUS, BIOSIS, MEDLINE' ENTERED AT 11:49:53 ON 11 JAN 2006

L1	102015 S AMYLASE
L2	44201 S MALTOSE OR MALTOSE ALCOHOL
L3	1118990 S STRESS
L4	1290742 S TRANSGENIC OR TRANSFORM?
L5	2 S L1 AND L2 AND L3 AND L4
L6	24 S L2 AND L3 AND L4

FILE 'STNGUIDE' ENTERED AT 11:55:45 ON 11 JAN 2006

FILE 'AGRICOLA, CAPLUS, BIOSIS, MEDLINE' ENTERED AT 11:58:20 ON 11 JAN 2006

L7 18 DUP REM L6 (6 DUPLICATES REMOVED)

=> d 17 13-18

L7	ANSWER 13 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN
AN	2001:78850 CAPLUS
DN	134:292809
TI	Regeneration and possibility for genetic transformation of rose
AU	Uzunova, K. M.
CS	Department of Genetics and Plant Breeding, High Institute of Agriculture, Plovdiv, Bulg.
SO	Biotechnology & Biotechnological Equipment (2000), 14(2), 71-74
	CODEN: BTTEEJ; ISSN: 0205-2067
PB	Diagnosis Press
DT	Journal
LA	English

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7	ANSWER 14 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN
AN	1999:77665 CAPLUS
DN	130:149549

TI Tomato leucine aminopeptidase genes have improved promoters for enhancing  
transgenic plant productivity  
IN Walling, Linda L.; Pautot, Veronique; Gu, Yong-Qiang; Chao, Wun Shaw  
PA The Regents of the University of California, USA; Institut National De La  
Recherche Agronomique  
SO PCT Int. Appl., 56 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9903977	A1	19990128	WO 1998-US12898	19980619
	W: CA, JP RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5962670	A	19991005	US 1997-892770	19970715
	CA 2296811	AA	19990128	CA 1998-2296811	19980619
	EP 994942	A1	20000426	EP 1998-930438	19980619
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
PRAI	US 1997-892770	A	19970715		
	WO 1998-US12898	W	19980619		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 15 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2000:264038 CAPLUS  
DN 133:293152  
TI An efficient protocol for somatic embryogenesis and its use in developing  
transgenic tea (*Camellia sinensis* (L.) O. Kuntze) for field  
transfer  
AU Mondal, Tapan Kumar; Bhattacharya, Amita; Sood, Anil; Ahuja, Paramvir  
Singh  
CS Division of Biotechnology, Institute of Himalayan Bioresource Technology,  
Palampur, 176061, India  
SO Current Plant Science and Biotechnology in Agriculture (1999), 36(Plant  
Biotechnology and In Vitro Biology in the 21st Century), 181-184  
CODEN: CPBAE2; ISSN: 0924-1949  
PB Kluwer Academic Publishers  
DT Journal  
LA English  
RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 16 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1999:492748 CAPLUS  
DN 131:308875  
TI Callus induction and shoot regeneration from mature seed of rice Tainung  
67 (*Oryza sativa* L.)  
AU Hsia, Chi-Ni; Wang, Chang-Sheng  
CS Agronomy Department, TARI, Wufeng, Taiwan  
SO Zhonghua Nongye Yanjiu (1998), 47(4), 338-345  
CODEN: CHNCDB; ISSN: 0376-477X  
PB Taiwan Agricultural Research Institute  
DT Journal  
LA Chinese

L7 ANSWER 17 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 3  
AN 1994:577240 CAPLUS  
DN 121:177240  
TI Immunological characterization of *Arabidopsis thaliana* lipoxygenase:  
expression of the LOX1 gene product in *Escherichia coli* and polyclonal  
antibody production

AU Peterman, T. Kaye; Rattigan, Eileen M.; Enriquez, Annette; Melan, Melissa A.  
CS Department of Biological Sciences, Wellesley College, Wellesley, MA,  
02181, USA  
SO Plant Physiology and Biochemistry (Paris, France) (1994), 32(3), 443-50  
CODEN: PPBIEX; ISSN: 0981-9428  
DT Journal  
LA English

L7 ANSWER 18 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1990:437822 CAPLUS  
DN 113:37822  
TI Wound-inducible potato inhibitor II genes: enhancement of expression by sucrose  
AU Johnson, Russell; Ryan, Clarence A.  
CS Inst. Biol. Chem., Washington State Univ., Pullman, WA, 99164-6340, USA  
SO Plant Molecular Biology (1990), 14(4), 527-36  
CODEN: PMBIDB; ISSN: 0167-4412  
DT Journal  
LA English

=> d his

(FILE 'HOME' ENTERED AT 11:48:27 ON 11 JAN 2006)

FILE 'AGRICOLA, CAPLUS, BIOSIS, MEDLINE' ENTERED AT 11:49:53 ON 11 JAN 2006

L1 102015 S AMYLASE  
L2 44201 S MALTOSE OR MALTOSE ALCOHOL  
L3 1118990 S STRESS  
L4 1290742 S TRANSGENIC OR TRANSFORM?  
L5 2 S L1 AND L2 AND L3 AND L4  
L6 24 S L2 AND L3 AND L4

FILE 'STNGUIDE' ENTERED AT 11:55:45 ON 11 JAN 2006

FILE 'AGRICOLA, CAPLUS, BIOSIS, MEDLINE' ENTERED AT 11:58:20 ON 11 JAN 2006

L7 18 DUP REM L6 (6 DUPLICATES REMOVED)

=> s l1 and l2 and l3

L8 38 L1 AND L2 AND L3

=> dup rem l8

PROCESSING COMPLETED FOR L8

L9 22 DUP REM L8 (16 DUPLICATES REMOVED)

=> d l9 1-10

L9 ANSWER 1 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2005:1003557 CAPLUS  
DN 143:301962  
TI Enzyme sensor, its production method, its use in analytical apparatus, and amylase assay method  
IN Yamaguchi, Masaki; Komatsu, Akihiko; Sawada, Shuichi; Mizuno, Yasufumi; Suzuki, Kazuto  
PA Yamaha Corp., Japan; Yamaha Motor Co., Ltd.; Toyama University  
SO Jpn. Kokai Tokyo Koho, 19 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1

PATENT NO.

KIND DATE

APPLICATION NO.

DATE

-----  
PI JP 2005249530 A2 20050915 JP 2004-58868 20040303  
PRAI JP 2004-58868 20040303

L9 ANSWER 2 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 1  
AN 2005:1316474 CAPLUS  
TI RNA interference of *Arabidopsis beta-amylase8* prevents **maltose** accumulation upon cold shock and increases sensitivity of PSII photochemical efficiency to freezing **stress**  
AU Kaplan, Fatma; Guy, Charles L.  
CS Plant Molecular and Cellular Biology Program, Department of Environmental Horticulture, Institute of Food and Agricultural Sciences, University of Florida, Gainesville, FL, 32611-0675, USA  
SO Plant Journal (2005), 44(5), 730-743  
CODEN: PLJUED; ISSN: 0960-7412  
PB Blackwell Publishing Ltd.  
DT Journal  
LA English  
RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 3 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2004:392193 CAPLUS  
DN 140:388727  
TI Methods for producing transgenic plants encoding  $\alpha$ - **amylase**,  $\beta$ - **amylase**, glycogen phosphorylase and pullulanase for with increased resistance to environmental **stress**  
IN Guy, Charles L.; Kaplan, Fatma; Sung, Dong Yul  
PA USA  
SO U.S. Pat. Appl. Publ., 30 pp.  
CODEN: USXXCO  
DT Patent  
LA English  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2004091900	A1	20040513	US 2003-602395	20030623
PRAI US 2002-390384P	P	20020621		

L9 ANSWER 4 OF 22 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.  
(2006) on STN DUPLICATE 2  
AN 2004:39162 AGRICOLA  
DN IND43639364  
TI beta-**Amylase** induction and the protective role of **maltose** during temperature shock.  
AU Kaplan, F.; Guy, C.L.  
AV DNAL (450 P692)  
SO Plant physiology, 2004 July Vol. 135, no. 3 p. 1674-1684  
ISSN: 0032-0889  
NTE Includes references  
DT Article; Conference  
FS Other US  
LA English

L9 ANSWER 5 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 3  
AN 2004:866824 CAPLUS  
DN 142:331635  
TI Performance evaluation of salivary **amylase** activity monitor  
AU Yamaguchi, Masaki; Kanemori, Takahiro; Kanemaru, Masashi; Takai, Noriyasu; Mizuno, Yasufumi; Yoshida, Hiroshi  
CS Department of Material Systems Engineering and Life Science, Faculty of Engineering, Toyama University, Toyama, 930-8555, Japan

SO Biosensors & Bioelectronics (2004), 20(3), 491-497  
CODEN: BBIOE4; ISSN: 0956-5663

PB Elsevier B.V.

DT Journal

LA English

RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 6 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 4

AN 2003:31895 CAPLUS

DN 138:253761

TI Production of **amylase** by newly isolated moderate halophile,  
Halobacillus sp. strain MA-2

AU Amoozegar, M. A.; Malekzadeh, F.; Malik, Khursheed A.

CS Faculty of Science, Department of Biology (Microbiology Unit), University  
of Tehran, Tehran, Iran

SO Journal of Microbiological Methods (2003), 52(3), 353-359  
CODEN: JMIMDQ; ISSN: 0167-7012

PB Elsevier Science B.V.

DT Journal

LA English

RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 7 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:924508 CAPLUS

DN 143:226048

TI Arabidopsis  $\beta$ - **amylase** induction during temperature  
stress

AU Kaplan, Fatama; Guy, Charles L.

CS Plant Molecular and Cellular Biology Program and Department of  
Environmental Horticulture, University of Florida, Gainesville, FL, 32611,  
USA

SO Plant Biotechnology 2002 and Beyond, Proceedings of the IAPTC&B Congress,  
10th, Orlando, FL, United States, June 23-28, 2002 (2003), Meeting Date  
2002, 189-191. Editor(s): Vasil, Indra K. Publisher: Kluwer Academic  
Publishers, Dordrecht, Neth.  
CODEN: 69DXJS; ISBN: 1-4020-1126-1

DT Conference

LA English

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 8 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2000:209679 CAPLUS

DN 132:248279

TI Diagnostic agents for pancreatic exocrine function

IN Kohno, Tadashi; Hosoi, Isaburo; Ohshima, Junko; Shibata, Kunihiko; Ito,  
Asuka

PA Tokyo Gas Co., Ltd., Japan

SO Eur. Pat. Appl., 28 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 989137	A2	20000329	EP 1999-307554	19990924
	EP 989137	A3	20001011		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2000159773	A2	20000613	JP 1999-261979	19990916
	JP 3669880	B2	20050713		
	JP 2000159810	A2	20000613	JP 1999-263300	19990917

NZ	337946	A	20011130	NZ	1999-337946	19990921
NZ	507949	A	20020301	NZ	1999-507949	19990921
AU	9948865	A1	20000330	AU	1999-48865	19990922
AU	755444	B2	20021212			
US	6254851	B1	20010703	US	1999-401739	19990923
CA	2283518	AA	20000325	CA	1999-2283518	19990924
CA	2283518	C	20000325			
CA	2451924	AA	20000325	CA	1999-2451924	19990924
NO	9904685	A	20000327	NO	1999-4685	19990924
EP	1386934	A1	20040204	EP	2003-77521	19990924
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY					
US	6905668	B1	20050614	US	2000-589419	20000607
AU	769555	B2	20040129	AU	2001-89240	20011105
US	2005019252	A1	20050127	US	2004-926563	20040825
US	2005019253	A1	20050127	US	2004-926564	20040825
US	2005032148	A1	20050210	US	2004-926544	20040825
PRAI	JP 1998-271252	A	19980925			
	JP 1998-271253	A	19980925			
	JP 1999-261979	A	19990916			
	JP 1999-263300	A	19990917			
	NZ 1999-337946	A1	19990921			
	AU 1999-48865	A3	19990922			
	US 1999-401739	A3	19990923			
	CA 1999-2283518	A3	19990924			
	EP 1999-307554	A3	19990924			
	US 2000-589419	A3	20000607			

L9 ANSWER 9 OF 22 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.  
(2006) on STN DUPLICATE 5

AN 2001:13587 AGRICOLA

DN IND22089763

TI Water **stress** enhances beta-**amylase** activity in cucumber cotyledons.

AU Todaka, D.; Matsushima, H.; Morohashi, Y.

AV DNAL (450 J8224)

SO Journal of experimental botany, Apr 2000. Vol. 51, No. 345. p. 739-745  
Publisher: Oxford : Oxford University Press.  
CODEN: JEBOA6; ISSN: 0022-0957

NTE Includes references

CY England; United Kingdom

DT Article

FS Non-U.S. Imprint other than FAO

LA English

L9 ANSWER 10 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1999:77665 CAPLUS

DN 130:149549

TI Tomato leucine aminopeptidase genes have improved promoters for enhancing transgenic plant productivity

IN Walling, Linda L.; Pautot, Veronique; Gu, Yong-Qiang; Chao, Wun Shaw

PA The Regents of the University of California, USA; Institut National De La Recherche Agronomique

SO PCT Int. Appl., 56 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9903977 W: CA, JP	A1	19990128	WO 1998-US12898	19980619

RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
PT, SE  
US 5962670 A 19991005 US 1997-892770 19970715  
CA 2296811 AA 19990128 CA 1998-2296811 19980619  
EP 994942 A1 20000426 EP 1998-930438 19980619  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, FI  
PRAI US 1997-892770 A 19970715  
WO 1998-US12898 W 19980619  
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>  
=> d 19 10-22

L9 ANSWER 10 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1999:77665 CAPLUS  
DN 130:149549  
TI Tomato leucine aminopeptidase genes have improved promoters for enhancing  
transgenic plant productivity  
IN Walling, Linda L.; Pautot, Veronique; Gu, Yong-Qiang; Chao, Wun Shaw  
PA The Regents of the University of California, USA; Institut National De La  
Recherche Agronomique  
SO PCT Int. Appl., 56 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1  

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 9903977	A1	19990128	WO 1998-US12898	19980619
	W: CA, JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5962670	A	19991005	US 1997-892770	19970715
	CA 2296811	AA	19990128	CA 1998-2296811	19980619
	EP 994942	A1	20000426	EP 1998-930438	19980619
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
PRAI	US 1997-892770	A	19970715		
	WO 1998-US12898	W	19980619		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 11 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1998:782235 CAPLUS  
DN 130:35688  
TI A starch granule bound endoamylase and its possible role during cold  
acclimation of parenchyma cells in poplar wood (Populus + canadensis  
Moench <robusta>)  
AU Sauter, Joerg J.; Elle, Dietbert; Witt, Wolfgang  
CS Botanisches Institut, Universitaet Kiel, Kiel, D-24098, Germany  
SO Journal of Plant Physiology (1998), 153(5/6), 739-744  
CODEN: JPPHEY; ISSN: 0176-1617  
PB Gustav Fischer Verlag  
DT Journal  
LA English  
RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 12 OF 22 AGRICOLA Compiled and distributed by the National  
Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.

(2006) on STN  
AN 1998:31155 AGRICOLA  
DN IND20815138  
TI Expression of alpha-amylase in cultured callus of French bean.  
AU Kim, J.W.; Yamauchi, D.; Minamikawa, T.  
AV DNAL (QK1.B33)  
SO Journal of plant research, Sept 1997. Vol. 110, No. 1099. p. 357-361  
Publisher: Tokyo : Botanical Society of Japan, c1993-  
CODEN: JPLREA; ISSN: 0918-9440  
NTE Includes references  
CY Japan  
DT Article  
FS Non-U.S. Imprint other than FAO  
LA English

L9 ANSWER 13 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1997:682514 CAPLUS  
DN 127:290797  
TI Raffinose accumulation in maize embryos in the absence of a fully functional Vp1 gene product  
AU Brenac, Patrick; Smith, Margaret E.; Obendorf, Ralph L.  
CS Dep. Soil, Crop, Atmospheric Sciences, Cornell Univ., Ithaca, NY, 14853, USA  
SO Planta (1997), 203(2), 222-228  
CODEN: PLANAB; ISSN: 0032-0935  
PB Springer  
DT Journal  
LA English

L9 ANSWER 14 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1996:726556 CAPLUS  
DN 126:2785  
TI Effect of mercury on amylase activity and maltose content of the germinated seeds of some high yielding varieties of wheat  
AU Alamgir, A. N. M.; Bhuiyan, A. K. M. Salahuddin; Baset, Q. A.  
CS Department Botany, University Chittagong, Chittagong, Bangladesh  
SO Chittagong University Studies, Part II: Science (1995), 19(1), 141-144  
CODEN: CUSCDP; ISSN: 0253-5459  
PB University of Chittagong  
DT Journal  
LA English

L9 ANSWER 15 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1993:405818 CAPLUS  
DN 119:5818  
TI The effect of heat exposure on circadian rhythm of the enzyme activity in different parts of the rat small intestine  
AU Smirnova, G. I.; Rakhimov, K. R.  
CS Inst. Physiol., Tashkent, Uzbekistan  
SO Fiziologicheskii Zhurnal imeni I. M. Sechenova (1992), 78(9), 122-8  
CODEN: FZSEEW; ISSN: 0869-8139  
DT Journal  
LA Russian

L9 ANSWER 16 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1990:115853 CAPLUS  
DN 112:115853  
TI Leaf phosphate status, photosynthesis, and carbon partitioning in sugar beet. III. Diurnal changes in carbon partitioning and carbon export  
AU Rao, I. Madhusudana; Fredeen, Arthur L.; Terry, Norman  
CS Dep. Plant Soil Biol., Univ. California, Berkeley, CA, 94720, USA  
SO Plant Physiology (1990), 92(1), 29-36  
CODEN: PLPHAY; ISSN: 0032-0889  
DT Journal

LA English

L9 ANSWER 17 OF 22 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.  
(2006) on STN DUPLICATE 7

AN 89:76971 AGRICOLA

DN FNI89001428

TI Oral digestion of a complex-carbohydrate cereal: effects of **stress** and relaxation on physiological and salivary measures.

AU Morse, D.R.; Schacterle, G.R.; Furst, L.; Zaydenberg, M.; Pollack, R.L.

CS Temple University School of Dentistry, Philadelphia, PA

AV DNAL (389.8 J824)

SO American journal of clinical nutrition, Jan 1989. Vol. 49, No. 1. p. 97-105 charts  
Publisher: Baltimore, Md. : American Society for Clinical Nutrition.  
CODEN: AJCNAC; ISSN: 0002-9165  
Target Audience: Specialized

NTE Includes 42 references.

DT Article

FS U.S. Imprints not USDA, Experiment or Extension

LA English

L9 ANSWER 18 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 8

AN 1987:135650 CAPLUS

DN 106:135650

TI Viabilities of **amylase** genotypes in *Drosophila pseudoobscura* on starch and **maltose** food

AU Seager, Robert D.; Anderson, Wyatt W.

CS Dep. Biol., Univ. North. Iowa, Cedar Falls, IA, 50614, USA

SO Evolution (Lawrence, KS, United States) (1987), 41(1), 199-208  
CODEN: EVOLAO; ISSN: 0014-3820

DT Journal

LA English

L9 ANSWER 19 OF 22 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN

AN 1987:467578 BIOSIS

DN PREV198784113018; BA84:113018

TI EFFECTS OF **STRESS** AND RELAXATION ON ORAL DIGESTION OF A COMPLEX CARBOHYDRATE CEREAL EVALUATION BY PHYSIOLOGICAL AND SALIVARY MEASURES.

AU MORSE D R [Reprint author]; SCHACTERLE G R; FURST M L; ZAYDENBERG M; POLLACK R L

CS DEP ENDODONTOLOGY, TEMPLE UNIV SCH DENTISTRY, 3223 NORTH BROAD ST, PHILADELPHIA, PA 19140, USA

SO Journal of Oral Medicine, (1987) Vol. 43, No. 3, pp. 161-165.  
CODEN: JORMBF. ISSN: 0022-3247.

DT Article

FS BA

LA ENGLISH

ED Entered STN: 7 Nov 1987  
Last Updated on STN: 7 Nov 1987

L9 ANSWER 20 OF 22 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN

AN 1986:130604 BIOSIS

DN PREV198681041020; BA81:41020

TI THE EFFECTS OF **STRESS** AND RELAXATION ON ORAL DIGESTION OF COMPLEX CARBOHYDRATES A CASE STUDY.

AU MORSE D [Reprint author]; FURST M L; SCHACTERLE G R; ZAYDENBERG M; POLLACK R L

CS DEP ENDODONTOL, TEMPLE UNIV, SCH DENT, 3223 NORTH BROAD ST, PHILADELPHIA, PA 19140, USA

SO Journal of Oral Medicine, (1985) Vol. 40, No. 4, pp. 185-190.

CODEN: JORMBF. ISSN: 0022-3247.

DT Article  
FS BA  
LA ENGLISH  
ED Entered STN: 25 Apr 1986  
Last Updated on STN: 25 Apr 1986

L9 ANSWER 21 OF 22 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
AN 1986:127276 BIOSIS  
DN PREV198681037692; BA81:37692  
TI THE EFFECTS OF **STRESS** AND RELAXATION ON ORAL DIGESTION OF A COMPLEX CARBOHYDRATE FOOD.  
AU MORSE D R [Reprint author]; SCHACTERIE G R; FURST M L; ZAYDENBERG M; POLLACK R L  
CS DEP ENDODONTOL, TEMPLE UNIV SCH DENTISTRY, 3223 NORTH BROAD ST, PHILADELPHIA, PA 19140, USA  
SO International Journal of Psychosomatics, (1985) Vol. 32, No. 3, pp. 20-27. ISSN: 0884-8297.  
DT Article  
FS BA  
LA ENGLISH  
ED Entered STN: 25 Apr 1986  
Last Updated on STN: 25 Apr 1986

L9 ANSWER 22 OF 22 MEDLINE on STN  
AN 81281630 MEDLINE  
DN PubMed ID: 6168260  
TI **Amylases**: enzymatic mechanisms.  
AU French D  
NC GM-08822 (NIGMS)  
SO Basic life sciences, (1981) 18 151-82.  
Journal code: 0360077. ISSN: 0090-5542.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 198110  
ED Entered STN: 19900316  
Last Updated on STN: 19970203  
Entered Medline: 19811025